

Plastics Bag Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



CONTENTS

Introduction to the Economic Census	v
Manufacturing	ix

Tables

1. Historical Statistics for the Industry: 2002 and Earlier Years ...	1
2. Industry Statistics for Selected States: 2002	2
3. Detailed Statistics by Industry: 2002	3
4. Industry Statistics by Employment Size: 2002.....	4
5. Industry Statistics by Primary Product Class Specialization: 2002	5
6a. Products Statistics: 2002 and 1997	6
6b. Product Class Shipments for Selected States: 2002 and 1997 .	7
7. Materials Consumed by Kind: 2002 and 1997.....	8

Appendixes

A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	--
E. Metropolitan and Micropolitan Statistical Areas	--
F. Comparability of Product Classes and Product Codes: 2002 to 1997	F-1

-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
326111, Plastics bag manufacturing 2002..	376	448	34 798	1 187 465	27 670	56 878	815 896	3 633 513	3 613 239	7 256 091	'313 469
2001..	N	N	39 772	1 287 000	32 926	70 731	897 563	3 886 537	4 041 962	7 938 441	370 904
2000..	N	N	40 043	1 261 739	33 139	67 873	885 271	3 764 812	4 102 421	7 879 124	464 774
1999..	N	N	41 189	1 269 848	34 142	69 357	876 952	3 893 727	3 827 685	7 644 625	631 967
1998..	N	N	41 169	1 211 123	33 777	69 946	856 077	3 922 916	3 804 510	7 709 980	273 085
1997..	440	498	40 671	1 168 260	33 153	69 064	808 133	3 402 530	3 906 147	7 300 237	366 375

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
326111, Plastics bag manufacturing												
United States	1	448	261	34 798	1 187 465	27 670	56 878	815 896	3 633 513	3 613 239	7 256 091	'313 469
Arkansas	—	4	4	1 173	48 480	1 007	2 342	38 967	186 859	203 980	391 613	9 174
California	1	67	35	3 428	106 432	2 717	5 768	65 643	340 016	343 606	683 176	'50 372
Florida	3	13	6	844	33 549	590	1 217	18 639	73 742	81 832	155 506	'4 377
Georgia	—	14	9	1 130	42 739	904	1 997	31 376	163 921	147 479	308 376	'8 985
Illinois	—	25	16	3 036	97 151	2 582	5 259	75 771	444 400	378 052	823 229	'34 797
Indiana	—	10	8	1 933	68 597	1 587	3 159	51 954	116 936	196 337	320 288	'12 280
Louisiana	3	6	3	188	6 844	142	310	4 562	18 969	46 501	65 561	'2 535
Massachusetts	1	11	6	387	13 138	277	527	7 621	28 652	22 284	51 376	'586
Minnesota	1	10	4	376	13 100	305	634	9 686	30 187	37 143	67 217	'1 426
Nevada	2	4	3	105	3 628	79	164	2 438	9 300	13 134	22 299	'252
New Jersey	3	29	19	1 016	29 821	779	1 416	18 646	90 680	89 308	177 874	'8 377
New York	1	51	22	2 863	100 062	2 132	4 329	62 005	246 229	224 936	472 336	'20 877
North Carolina	—	11	8	1 539	55 513	1 099	2 471	26 932	113 049	233 612	348 028	'19 378
Ohio	3	22	17	1 605	50 346	1 194	2 373	36 888	161 195	125 192	286 647	'7 548
Pennsylvania	2	24	12	2 267	71 377	1 895	3 929	57 034	179 153	196 653	374 268	'22 787
Tennessee	—	8	5	474	19 061	397	889	13 964	83 068	70 623	153 359	'6 277
Texas	1	38	17	2 884	107 290	2 296	4 669	73 731	472 755	271 819	742 616	'21 716
Virginia	—	6	4	1 125	34 512	1 000	2 155	28 630	168 757	143 848	315 447	'8 701
Washington	1	6	4	881	40 095	642	1 291	24 124	50 513	86 151	135 761	'6 165
Wisconsin	1	16	12	1 857	52 238	1 401	2 459	27 722	118 105	124 318	245 341	'13 970

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
326111, Plastics bag manufacturing	
Companies ¹	number.. 376
All establishments ²	number.. 448
Establishments with 1 to 19 employees	number.. 187
Establishments with 20 to 99 employees	number.. 170
Establishments with 100 employees or more	number.. 91
All employees ³	number.. 34 798
Total compensation	\$1,000.. 1 466 200
Annual payroll	\$1,000.. 1 187 465
Total fringe benefits	\$1,000.. 278 735
Production workers, average for year	number.. 27 670
Production workers on March 12	number.. 27 941
Production workers on May 12	number.. 27 813
Production workers on August 12	number.. 27 510
Production workers on November 12	number.. 27 387
Production worker hours	1,000.. 56 878
Production worker wages	\$1,000.. 815 896
Total cost of materials	\$1,000.. 3 613 239
Materials, parts, containers, packaging, etc., used	\$1,000.. 3 329 006
Resales	\$1,000.. 104 733
Purchased fuels	\$1,000.. 19 222
Purchased electricity	\$1,000.. 136 883
Contract work	\$1,000.. 23 395
Quantity of electricity purchased for heat and power	1,000 kWh.. 2 484 800
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 7 256 091
Primary products value of shipments	\$1,000.. 6 740 510
Secondary products value of shipments	\$1,000.. 361 696
Total miscellaneous receipts	\$1,000.. 153 885
Value of resales	\$1,000.. 126 423
Contract receipts	\$1,000.. 10 781
Other miscellaneous receipts	\$1,000.. 16 681
Primary products specialization ratio	percent.. 95
Value of primary products shipments made in all industries	\$1,000.. 7 630 078
Value of primary products shipments made in this industry	\$1,000.. 6 740 510
Value of primary products shipments made in other industries	\$1,000.. 889 568
Coverage ratio	percent.. 88
Value added	\$1,000.. 3 633 513
Total inventories, beginning of year	\$1,000.. 618 901
Finished goods inventories	\$1,000.. 318 120
Work-in-process inventories	\$1,000.. 72 150
Materials and supplies inventories	\$1,000.. 228 631
Total inventories, end of year	\$1,000.. 616 374
Finished goods inventories	\$1,000.. 315 746
Work-in-process inventories	\$1,000.. 65 185
Materials and supplies inventories	\$1,000.. 235 443
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 3 869 661
Total capital expenditures (new and used)	\$1,000.. '313 469
Buildings and other structures (new and used)	\$1,000.. '28 359
Machinery and equipment (new and used)	\$1,000.. '285 110
Automobiles, trucks, etc., for highway use	\$1,000.. '5 263
Computers and peripheral data processing equipment	\$1,000.. '12 110
All other expenditures for machinery and equipment	\$1,000.. '267 737
Total retirements	\$1,000.. '269 210
Gross value of depreciable assets at end of year	\$1,000.. '3 913 920
Depreciation charges during year	\$1,000.. '288 389
Total rental payments	\$1,000.. 83 054
Buildings and other structures	\$1,000.. 54 114
Machinery and equipment	\$1,000.. 28 940
Total other expenses ⁴	\$1,000.. 489 705
Response coverage ratio ⁵	percent.. 84
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 89 233
Communications services ⁴	\$1,000.. 11 251
Legal services ⁴	\$1,000.. 7 853
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 3 719
Advertising and promotional services ⁴	\$1,000.. 6 888
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 4 998
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 10 954
Management consulting and administrative services ⁴	\$1,000.. 16 080
Taxes and license fees ⁴	\$1,000.. 18 331
All other expenses ⁴	\$1,000.. 320 396

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
326111, Plastics bag manufacturing											
All establishments	1	448	34 798	1 187 465	27 670	56 878	815 896	3 633 513	3 613 239	7 256 091	'313 469
Establishments with—											
1 to 4 employees	9	80	c	D	D	D	D	D	D	D	D
5 to 9 employees	9	46	309	10 329	257	528	7 877	28 741	30 867	59 618	'1 948
10 to 19 employees	7	61	891	29 823	728	1 496	21 722	86 971	91 486	179 328	'8 920
20 to 49 employees	3	86	2 803	87 868	2 176	4 398	58 734	252 764	242 903	495 658	'19 461
50 to 99 employees	2	84	6 049	204 114	4 702	9 605	134 396	618 282	633 473	1 249 023	'50 973
100 to 249 employees	—	57	8 851	294 465	6 922	14 591	199 090	917 294	833 310	1 751 810	'109 749
250 to 499 employees	—	24	8 528	291 160	6 907	13 642	203 911	834 908	923 776	1 764 810	'59 159
500 to 999 employees	—	9	6 160	228 531	4 977	10 667	158 225	848 683	748 590	1 597 499	53 178
1,000 to 2,499 employees	—	1	g	D	D	D	D	D	D	D	D
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	148	909	31 169	789	1 612	24 173	91 042	95 800	186 841	'6 310

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
326111	Plastics bag manufacturing	448	34 798	1 187 465	27 670	56 878	815 896	3 633 513	3 613 239	7 256 091	'313 469
3261111	Single-web film specialty bags, pouches, and liners	249	30 783	1 046 276	24 597	50 599	727 976	3 293 818	3 122 377	6 423 071	'285 882
3261113	Multiweb film/film combination specialty bags, pouches, and liners	25	2 539	94 407	1 842	3 804	53 286	210 776	357 323	570 972	'17 788

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326111	Plastics bag manufacturing	2002.. N 1997.. N	X X	X X	7 630 078 6 950 803
3261111	Single-web film specialty bags, pouches, and liners	2002.. N 1997.. N	X X	X X	6 660 883 6 019 915
32611111	Polyethylene grocery and variety bags and pouches	2002.. N 1997.. N	X X	X X	2 356 127 1 283 054
326111111	Polyethylene grocery and variety bags and pouches 1,000 s tons.	2002.. 94 1997.. 81	X X	S S	2 356 127 1 283 054
326111112	Polyethylene refuse bags	2002.. N 1997.. N	X X	X X	1 544 632 1 369 087
3261111215	Polyethylene refuse bags 1,000 s tons.	2002.. 46 1997.. 46	X X	S X	1 544 632 1 369 087
32611113	Polyethylene textile and clothing bags and pouches	2002.. N 1997.. N	X X	X X	187 438 179 560
3261111321	Polyethylene textile and clothing bags and pouches 1,000 s tons.	2002.. 30 1997.. 42	X X	S S	187 438 179 560
32611114	Polyethylene household food storage bags and pouches (sandwich and freezer)	2002.. N 1997.. N	X X	X X	726 870 577 537
3261111431	Polyethylene household food storage bags and pouches (sandwich and freezer) 1,000 s tons.	2002.. 17 1997.. 19	X X	249.3 S	726 870 577 537
32611115	Other polyethylene bags, pouches, and liners	2002.. N 1997.. N	X X	X X	1 057 392 1 270 552
3261111541	Polyethylene produce bags 1,000 s tons.	2002.. 30 1997.. 42	X X	S S	98 895 181 295
3261111551	Polyethylene drum and box liners 1,000 s tons.	2002.. 24 1997.. 35	X X	S S	131 592 187 789
3261111561	Polyethylene shipping sacks 1,000 s tons.	2002.. 22 1997.. 17	X X	P108.3 962.8	193 110 132 177
3261111563	Polyethylene bread bags 1,000 s tons.	2002.. 20 1997.. N	X X	D N	D N
3261111566	Polyethylene newspaper sleeves 1,000 s tons.	2002.. 2 1997.. N	X X	D N	D N
3261111572	Other polyethylene single-web film, specialty bags, pouches, and liners 1,000 s tons.	2002.. 80 1997.. N	X X	S N	536 832 N
32611116	Coextruded single-web film specialty bags, pouches, and liners	2002.. N 1997.. N	X X	X X	580 023 548 169
3261111621	Coextruded bags, pouches, and liners, used for meat 1,000 s tons.	2002.. 10 1997.. N	X X	S N	348 975 N
3261111631	Coextruded bags, pouches, and liners, for medical uses 1,000 s tons.	2002.. 9 1997.. N	X X	D N	D N
3261111641	Coextruded bags, pouches, and liners, used for food, except produce and meat 1,000 s tons.	2002.. 10 1997.. N	X X	31.2 N	116 516 N
3261111651	Coextruded bags, pouches, and liners, used for produce 1,000 s tons.	2002.. 7 1997.. N	X X	S N	32 230 N
3261111661	Coextruded bags, pouches, and liners, used for pet food 1,000 s tons.	2002.. 1 1997.. N	X X	D N	D N
3261111671	All other coextruded bags, pouches, and liners, used for non-food 1,000 s tons.	2002.. 11 1997.. N	X X	921.9 N	54 277 N
32611117	Other single-web film specialty bags, pouches, and liners	2002.. N 1997.. N	X X	X X	139 350 230 154
3261111791	Other single-web film specialty bags, pouches, and liners 1,000 s tons.	2002.. 19 1997.. 36	X X	S X	139 350 230 154
3261111Y	Single-web film specialty bags, pouches, and liners, nsk	2002.. N 1997.. N	X X	X X	69 051 561 802
3261111YWV	Single-web film specialty bags, pouches, and liners, nsk	2002.. N 1997.. N	X X	X X	69 051 561 802
3261113	Multiweb film/film combination specialty bags, pouches, and liners	2002.. N 1997.. N	X X	X X	709 391 427 192
32611131	Multiweb film/film combination specialty bags, pouches, and liners	2002.. N 1997.. N	X X	X X	709 391 427 192
3261113100	Multiweb film/film combination specialty bags, pouches, and liners 1,000 s tons.	2002.. 47 1997.. 46	X X	S S	709 391 427 192
326111W	Plastics bag manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	259 804 503 696
326111WY	Plastics bag manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	259 804 503 696
326111WYWW	Plastics bag manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	74 058 386 804
326111WYWY	Plastics bag manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	185 746 116 892

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3261111	Single-web film specialty bags, pouches, and liners	
	United States	2002 . . 6 660 883
		1997 . . 6 019 915
	California	2002 . . 558 435
		1997 . . 487 670
	Florida	2002 . . 143 435
		1997 . . 130 134
	Georgia	2002 . . 269 552
		1997 . . 325 598
	Illinois	2002 . . 707 738
		1997 . . 732 451
	Indiana	2002 . . 295 914
		1997 . . 265 250
	Louisiana	2002 . . 28 733
		1997 . . 33 115
	Massachusetts	2002 . . 45 274
		1997 . . 88 963
	Michigan	2002 . . 121 204
		1997 . . N
	Minnesota	2002 . . 48 045
		1997 . . 55 018
	Nevada	2002 . . 20 773
		1997 . . N
	New Jersey	2002 . . 163 172
		1997 . . 182 403
	New York	2002 . . 390 840
		1997 . . 352 075
	North Carolina	2002 . . 145 305
		1997 . . 184 017
	Ohio	2002 . . 264 430
		1997 . . 203 347
	Pennsylvania	2002 . . 352 477
		1997 . . 240 225
	Tennessee	2002 . . 35 508
		1997 . . 72 369
	Texas	2002 . . 925 136
		1997 . . 823 181
	Virginia	2002 . . 306 976
		1997 . . 262 490
	Washington	2002 . . 119 415
		1997 . . 83 441
	Wisconsin	2002 . . 206 375
		1997 . . 242 419
3261113	Multiweb film/film combination specialty bags, pouches, and liners	
	United States	2002 . . 709 391
		1997 . . 427 192
	Georgia	2002 . . 33 583
		1997 . . 32 931
	Illinois	2002 . . 101 126
		1997 . . 40 007
	Michigan	2002 . . 3 802
		1997 . . N
	New Jersey	2002 . . 15 411
		1997 . . N
	Ohio	2002 . . 8 859
		1997 . . N
	Tennessee	2002 . . 119 438
		1997 . . N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
326111	Plastics bag manufacturing		
00900001	Total materials .....2002..	X	3 329 006
	.....1997..	X	3 593 554
32212007	Paper .....1,000 s tons..2002..	S	35 648
	.....1997..	S	34 362
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. ....2002..	X	1 703 790
	.....1997..	X	2 064 711
32611201	Polyethylene unsupported plastic packaging film in roll form .....2002..	X	282 472
	.....1997..	X	N
32611203	Polypropylene unsupported plastics packaging film in roll form .....2002..	X	47 241
	.....1997..	X	N
00190062	Polyester unsupported plastics packaging film (coated and uncoated) in roll form .....2002..	X	6 232
	.....1997..	X	N
32612205	Nylon unsupported plastics packaging film in roll form .....2002..	X	D
	.....1997..	X	N
00190063	Other unsupported plastics packaging film in roll form (including cellophane) .....2002..	X	17 038
	.....1997..	X	N
33131509	Aluminum foil, plain mil lb..2002..	D	D
	.....1997..	D	D
32552003	Glues and adhesives mil lb..2002..	S	16 628
	.....1997..	101.0	D
32591002	Printing inks .....2002..	X	110 103
	.....1997..	X	N
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	295 644
	.....1997..	X	244 564
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	515 091
	.....1997..	X	783 007
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	292 774
	.....1997..	X	446 572

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.